



Attorney Docket No.: 54-000250US  
Client Reference No.: 983.5/NOV0359P

### DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **UNNATURAL REACTIVE AMINO ACID GENETIC CODE ADDITIONS** the specification of which X was filed on April 16, 2004 as Application No. 10/826,919.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

#### Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

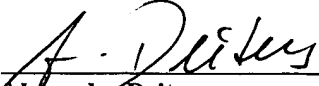
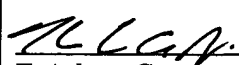
Application No.	Filing Date
60/479,931	June 18, 2003
60/493,014	August 5, 2003
60/496,548	August 19, 2003

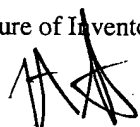
I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

Full Name of Inventor 1:	Full Name: <b>Alexander Deiters</b>		
Residence & Citizenship:	City: <b>La Jolla</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>Germany</b>
Post Office Address:	Post Office Address: <b>387 Nautilus Street, Apt. L, La Jolla, California 92037 USA</b>		
Full Name of Inventor 2:	Full Name: <b>T. Ashton Cropp</b>		
Residence & Citizenship:	City: <b>San Diego</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>863 Sapphire Street #3, San Diego, California 92109 USA</b>		
Full Name of Inventor 3:	Full Name: <b>Jason W. Chin</b>		
Residence & Citizenship:	City: <b>Cambridge</b>	State/Foreign Country: <b>United Kingdom</b>	Country of Citizenship: <b>United Kingdom</b>
Post Office Address:	Post Office Address: <b>29 York Street, Cambridge, CB1 2PZ, United Kingdom</b>		
Full Name of Inventor 4:	Full Name: <b>J. Christopher Anderson</b>		
Residence & Citizenship:	City: <b>San Francisco</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>124 Mason St., Apt. 401 San Francisco, California 94102 USA</b>		
Full Name of Inventor 5:	Full Name: <b>Peter G. Schultz</b>		
Residence & Citizenship:	City: <b>La Jolla</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>1650 La Jolla Rancho Road, La Jolla, California 92037 USA</b>		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.


Signature of Inventor 1  <b>Alexander Deiters</b>	Signature of Inventor 2  <b>T. Ashton Cropp</b>	Signature of Inventor 3  <b>Jason W. Chin</b>
Date <b>6/16/2004</b>	Date <b>16 Jun 2004</b>	Date

Signature of Inventor 4  <b>J. Christopher Anderson</b>	Signature of Inventor 5  <b>Peter G. Schultz</b>
Date	Date <b>6/22/04</b>



Attorney Docket No.: 54-000250US  
Client Reference No.: 983.5/NOV0359P

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Signature of Inventor 1  <b>Alexander Deiters</b>	Signature of Inventor 2  <b>T. Ashton Cropp</b>	Signature of Inventor 3  <b>Jason W. Chin</b>
Date	Date	Date <b>17 June 2004</b>

Signature of Inventor 4  <b>J. Christopher Anderson</b>	Signature of Inventor 5  <b>Peter G. Schultz</b>
Date	Date



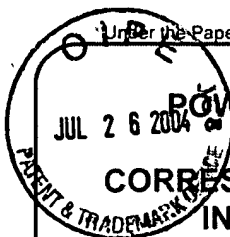
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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
<u>Alexander Deiters</u>	<u>T. Ashton Cropp</u>	<u>Jason W. Chin</u>
Date	Date	Date

Signature of Inventor 4	Signature of Inventor 5
<u>J. Christopher Anderson</u>	<u>Peter G. Schultz</u>
Date <u>6/18/04</u>	Date

declaration.doc



# **POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM**

Application Number	10/826,919
Filing Date	April 16, 2004
First Named Inventor	Alexander Deiters
Title	UNNATURAL REACTIVE AMINO ACID
Art Unit	1632
Examiner Name	Unassigned
Attorney Docket Number	54-000250US

I hereby appoint:

☒ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below.
**22798**

PATENT TRADEMARK OFFICE

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Quine Intellectual Property Law Group, P.C.				
Address	P.O. Box 458				
Address					
City	Alameda	State	CA	Zip	94501
Country	United States				
Telephone	(510) 337-7871	Fax	(510) 337-7877		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

## SIGNATURE of Applicant or Assignee of Record

Name	Thomas Fitting, Reg. No. 34,163		
Signature	<i>Thomas Fitting</i>		
Date	June 29, 2004	Telephone	858-784-2937

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or Printed Name	Juliana Hermes		
Signature	<i>Juliana Hermes</i>	Date	July 22, 2004



**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant: **Alexander Deiters, et al.**

Application No.: **10/826,919**

Filed: **April 16, 2004**

Entitled: **UNNATURAL REACTIVE AMINO ACID GENETIC CODE ADDITIONS**

**The Scripps Research  
Institute**

, a

**corporation**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. [ X ] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

OR

B. [ ] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet

[X] Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

June 29, 2004

Date

Signature

Thomas Fitting

Typed or printed name

Chief Patent Counsel

Title

# NOT FOR RECORDATION

Attorney Docket No.: 54-000250US  
Client Reference No.: 983.5/NOV0359P

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Alexander Deiters, of 387 Nautilus Street, Apt. L, La Jolla, California 92037 USA, T. Ashton Cropp of 863 Sapphire Street #3, San Diego, California 92109 USA, Jason W. Chin of 29 York Street, Cambridge, CB1 2PZ, United Kingdom, J. Christopher Anderson, 124 Mason St., Apt. 401 San Francisco, California 94102 USA, and Peter G. Schultz of 1650 La Jolla Rancho Road, La Jolla, California 92037 USA, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: UNNATURAL REACTIVE AMINO  
ACID GENETIC CODE ADDITIONS

Filing Date: April 16, 2004

Application No.: 10/826,919; and

WHEREAS, The Scripps Research Institute, a corporation, located at 10550 North Torrey Pines Road, La Jolla, California 92037, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and which claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.



# NOT FOR RECORDATION

Assignment  
Application No.: 10/826,919  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: 6/16/2004

A. Deiters  
Alexander Deiters

SIGNATURE WITNESSED BY:

(1) Date: 6/16/04

[Signature]  
Signature of Witness

Dated: 16 Jun 2004

T. Ashton Cropp  
T. Ashton Cropp

SIGNATURE WITNESSED BY:

(1) Date: 6/16/04

[Signature]  
Signature of Witness

Dated: \_\_\_\_\_

\_\_\_\_\_  
Jason W. Chin

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

# NOT FOR RECORDATION

Assignment  
Application No.: 10/826,919  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Alexander Deiters

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

Dated: \_\_\_\_\_

\_\_\_\_\_  
T. Ashton Cropp

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

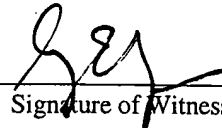
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Signature of Witness

Dated: 17 June 2004

  
\_\_\_\_\_  
Jason W. Chin

SIGNATURE WITNESSED BY:

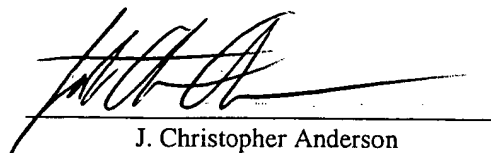
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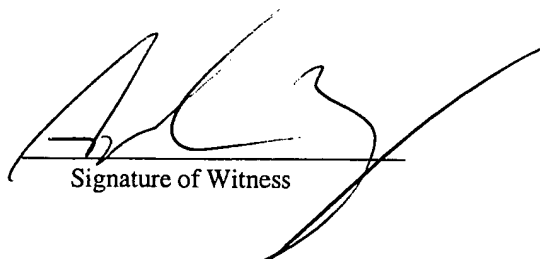
Assignment  
Application No.: 10/826,919  
Page 3

Dated: 6/18/04

  
J. Christopher Anderson

SIGNATURE WITNESSED BY:

(1) Date: 6/18/04

  
Signature of Witness

Dated: \_\_\_\_\_

\_\_\_\_\_  
Peter G. Schultz

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

# NOT FOR RECORDATION

Assignment  
Application No.: 10/826,919  
Page 3

Dated: \_\_\_\_\_

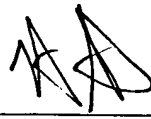
\_\_\_\_\_  
J. Christopher Anderson

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

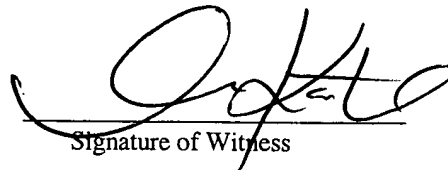
Dated: 6.22.04



\_\_\_\_\_  
Peter G. Schultz

SIGNATURE WITNESSED BY:

(1) Date: 6/22/04

  
\_\_\_\_\_  
Signature of Witness